

CLIMATOLOGICAL DATA FOR OCTOBER, 1913.

DISTRICT NO. 1, NORTH ATLANTIC STATES.

Prof. WILFORD M. WILSON, District Editor.

GENERAL SUMMARY.

A decidedly warm October followed a cool September and there was less than 3° difference in the mean temperature for the two months at a number of stations in the New England States. Toward the south, however, the abnormality in temperature was less marked, but the warmth of the first decade, especially from the 8th to the 10th has seldom been equaled in October.

The month was remarkable also for its heavy rainfall and the excessive amount of cloudy weather. It was the wettest October since 1890 in the New England and Pennsylvania sections, and the wettest since 1906 in New York. The freedom from great changes in temperature during the early part of the month was noteworthy and fortunate for the many agricultural sections that experienced practically no freezing weather until the 31st.

The following table exhibits the leading features of meteorological interest for the various sections of the district:

| States or parts of States within District No. 1. | Temperature. | | | | Precipitation. | | | | Average number of rainy days. | Clear days. |
|--|--------------|-----------|----------|---------|----------------|-----------|----------------|--------------|----------------------------------|-------------|
| | Average. | Departure | Highest. | Lowest. | Average. | Departure | Greatest total | Least total. | | |
| New England..... | 54.3 | +5.1 | 87 | 20 | 6.60 | +3.11 | 11.77 | 3.05 | 13 | 7 |
| New York..... | 54.3 | +4.2 | 88 | 21 | 5.92 | +2.42 | 11.29 | 2.76 | 11 | 10 |
| Pennsylvania..... | 55.6 | +3.7 | 88 | 24 | 5.67 | +2.19 | 9.82 | 3.38 | 12 | 9 |
| New Jersey..... | 57.8 | +3.6 | 83 | 25 | 7.79 | +4.08 | 13.16 | 2.70 | 11 | 12 |
| Maryland, Delaware and District of Columbia..... | 58.8 | +2.7 | 92 | 26 | 4.49 | +1.33 | 6.45 | 1.78 | 11 | 13 |
| West Virginia..... | 53.7 | +0.4 | 83 | 17 | 5.61 | +3.55 | 7.75 | 3.62 | 10 | 11 |
| Virginia..... | 57.8 | +1.7 | 84 | 24 | 4.28 | +0.42 | 5.31 | 2.95 | 10 | 11 |

TEMPERATURE.

The mean temperature for the month ranged from 49.1° at Indian Lake, N. Y., to 62° at Pocomoke City, Md. It was above the normal at all stations in the district except two in West Virginia. In New England this was the warmest October during the period covered by sectional averages beginning in 1888 and in New York the warmest since 1900. The warmest weather occurred between the 5th and 11th with maximum temperatures close to 80° at most stations and higher in some instances. The highest recorded within the district was 92° at Westernport, Md., on the 5th. During the period of warmest weather there were several nights with minimum temperatures generally above 60°. On the 9th the mean temperature at Albany, N. Y., was 74°, or 20° above the normal.

The first period of notable cold centered on the 22d and gave two or three days with temperatures below normal, but caused frost only in the colder parts of the Northern States. Over the coast region from Massachusetts southward and in the interior northward to Pennsylvania the first freeze came as a rule either on the 22d or 31st of October, after crops and fruit had been mostly harvested, so that about half of the district experienced practically no loss from frosts.

The minimum temperatures for the month were much higher than usual in October, being but little below the

freezing point in any of the better agricultural sections. At a number of stations in New Jersey, Delaware, Maryland, and Virginia the freezing point was not reached. The lowest temperature recorded within the district was 17° at Bayard, W. Va., on the 22d. The records give no other instance of a temperature lower than 20°.

PRECIPITATION.

The rainfall was remarkably heavy. Only a few stations received less than the October average, and the only station that received less than 2 inches of rain during the month was Solomons, Md., where the total amount was 1.78 inches. Over about one-third of the district, including extensive areas in New England, New York, New Jersey, and Pennsylvania, the total rainfall exceeded 6 inches. The greatest amount at any station was 13.16 inches at Bergen Point, N. J. At that station and some others not far away more than half the month's precipitation came in the remarkable storm of the 1st and 2d. Storms of nearly as great intensity were central over the district on the 12th, 20th, and 25th and gave rains exceeding 2 inches in many places.

There was less snow than usual in October, and most of it fell on the 21st or 31st. Only a few stations reported more than a trace of snow, and these were confined to the colder sections of the Northern States and the mountainous regions of West Virginia. The greatest daily fall of snow was 2 inches at Bayard, W. Va., on the 21st.

MISCELLANEOUS.

The principal rivers were at low or moderate stages until the third decade, when they rose considerably as a result of the heavy rains. In the Northern States the increased supply of water in the rivers made possible the resumption of the use of water power, which had been lacking at numerous points for several weeks.

The amount of sunshine was the least that has been shown by the records for any month in the last two years or more. The percentage of the possible amount ranged from 54 at Philadelphia to 24 at Eastport, Me., and averaged only 38 for the entire district.

The average number of clear days was 10, partly cloudy days 9, cloudy days 12, and rainy days 12.

HEAVY RAINSTORMS OF 1913 AT NEW YORK CITY.

By C. D. REED, Local Forecaster.

An unusual series of excessive rains occurred in parts of New York City and vicinity on July 28, September 4-5, October 1, and October 24-25. June, July, and August heretofore have been the months of greatest intensity of rainfall for short periods of time up to two hours, while September, October, and November have been the months of greatest intensity for longer periods up to 24 hours. The storm of September 4-5, however, established for lower Manhattan a new record of 2.82 inches in two hours, and the storm of October 1 raised this newly established two-hour record to 3.34 inches. Moreover, the storm of September 4-5 established a new record for intensity of September storms for all periods of five minutes to two hours, and the

TABLE 1.—Climatological data for October, 1913. District No. 1, North Atlantic States.

| Stations. | Counties. | Elevation, feet. | Length of record, years. | Temperature, in degrees Fahrenheit. | | | | | | Precipitation, in inches. | | | Sky. | | | Prevailing wind direction. | Observers. | | | | |
|-----------------------|---------------|------------------|--------------------------|-------------------------------------|----------------------------|-----------------|----------------|-----------------|-----------------|---------------------------|--------|----------------------------|-----------------------|-----------------------------|--|----------------------------|-------------------------------|------------------------|-----------------------|-----------------------------|-------------------|
| | | | | Mean. | Departure from the normal. | Highest. | Date. | Lowest. | Date. | Greatest daily range. | Total. | Departure from the normal. | Greatest in 24 hours. | Total snowfall, unmeasured. | Number of rainy days, 0.01 inch or more. | Number of clear days. | Number of partly cloudy days. | Number of cloudy days. | | | |
| Maine. | | | | | | | | | | | | | | | | | | | | | |
| Bar Harbor. | Hancock. | 20 | 27 | 54.4 | + 6.4 | 75 | 5 | 25 | 31 | 30 | 9.54 | + 5.48 | 2.10 | T. | 11 | 4 | 5 | 22 | se. | William Miller. | |
| Cornish. | York. | 773 | 53 | 54.7 | + 7.2 | 79 | 5 | 25 | 31 | 32 | 7.67 | + 3.48 | 2.95 | ..... | 13 | 7 | 7 | 17 | ne. | T. H. West. | |
| Eastport. | Washington. | 53 | 41 | 53.2 | + 6.8 | 67 | 9 | 24 | 31 | 18 | 5.70 | + 1.85 | 1.70 | ..... | 17 | 2 | 6 | 23 | s. | U. S. Weather Bureau. | |
| Fairfield. | Somerset. | 90 | 28 | 54.2 | + 7.1 | 72 | 5 | 27 | 31 | 27 | 5.18 | + 2.57 | 2.05 | ..... | 11 | 5 | 3 | 24 | ..... | E. F. Parker. | |
| Farmington. | Franklin. | 450 | 16 | 51.5 | + 3.9 | 74 | 5 | 25 | 31 | 29 | 6.59 | + 3.48 | 1.47 | ..... | 17 | 4 | 2 | 19 | ne. | State Normal School. | |
| Gardiner. | Kennebec. | 163 | 21 | 54.3 | + 5.1 | 75 | 5 | 27 | 31 | 30 | 7.14 | + 3.17 | 1.53 | ..... | 20 | 4 | 2 | 21 | se. | Samuel D. Soule. | |
| Greenville. | Piscataquis. | 1,140 | 9 | 49.6 | ..... | 77 | 7 | 21 | 31 | 27 | 7.84 | + 5.32 | 2.58 | ..... | 19 | ..... | ..... | ..... | ..... | U. S. Weather Bureau. | |
| Houlton. | Aroostook. | 362 | 11 | 52.2 | ..... | 76 | 7 | 27 | 3 | 28 | 5.73 | + 3.05 | 1.28 | ..... | 12 | 5 | 3 | 25 | sw. | Bangor & Aroostook R. R. | |
| Lewiston. | Androscoggin. | 185 | 39 | 53.1 | + 5.9 | 80 | 5 | 25 | 31 | 29 | 6.26 | + 3.11 | 1.81 | ..... | 17 | 5 | 6 | 20 | nw. | Union Water Power Co. | |
| Madison. | Somerset. | 257 | 10 | 51.2 | ..... | 76 | 6 | 26 | 31 | 29 | 8.64 | + 4.88 | 2.12 | ..... | 17 | 10 | 0 | 21 | ..... | William Jardine. | |
| Millinocket. | Penobscot. | 336 | 10 | 51.8 | ..... | 77 | 7 | 26 | 31 | 27 | 6.77 | ..... | 1.95 | T. | 16 | 9 | 4 | 18 | s. | F. C. Bowler. | |
| North Bridgton. | Cumberland. | 450 | 20 | 54.8 | + 5.7 | 80 | 5 | 29 | 31 | 29 | 5.69 | + 2.48 | 1.50 | ..... | 13 | 2 | 14 | 15 | ne. | G. E. Chabourne. | |
| Orono. | Penobscot. | 129 | 44 | 54.2 | + 8.0 | 77 | 8 | 29 | 31 | 30 | 7.35 | + 3.37 | 1.12 | ..... | 16 | 6 | 6 | 19 | ..... | Department of Physics. | |
| Patten. | do. | 550 | 11 | 50.9 | ..... | 84 ^a | 11 | 26 ^c | 31 | 38 ^c | 7.18 | ..... | 2.00 | ..... | 7 | 8 ^b | 5 | 15 ^a | sw. | Bangor & Aroostook R. R. | |
| Portland. | Cumberland. | 99 | 42 | 53.3 | + 4.2 | 71 | 5 | 27 | 31 | 19 | 5.72 | + 2.08 | 1.45 | 0.1 | 16 | 5 | 5 | 21 | n. | U. S. Weather Bureau. | |
| Presque Isle. | Aroostook. | 4 | 51.2 | ..... | 80 | 7 | 24 | 31 | 23 | 3.99 | ..... | 0.90 | ..... | 11 | 7 | 5 | 19 | ne. | E. M. Libby. | | |
| Rumford Falls. | Oxford. | 505 | 20 | 52.6 | + 5.9 | 74 | 5 | 26 | 31 | 27 | 6.86 | + 3.97 | 2.07 | T. | 15 | 3 | 11 | 20 | nw. | Charles A. Mixer. | |
| Van Buren. | Aroostook. | 510 | 8 | 50.0 | ..... | 74 | 7 | 25 | 31 | 34 | 3.14 | ..... | 0.83 | ..... | 13 | 4 | 3 | 24 | s. | J. M. Thomas. | |
| Winslow. | Kennebec. | 90 | 18 | 54.4 | + 6.7 | 78 | 5 | 27 | 31 | 31 | 6.96 | + 3.97 | 2.52 | ..... | 11 | 6 | 3 | 22 | ne. | Hollingsworth & Whitney Co. | |
| New Hampshire. | | | | | | | | | | | | | | | | | | | | | |
| Alsted Center. | Cheshire. | 1,120 | 9 | 51.4 | + 3.1 | 72 | 8 ^f | 25 | 31 | 23 | 4.68 | + 1.73 | 1.05 | ..... | 14 | 11 | 8 | 12 | nw. | Frank Dewing. | |
| Benton. | Grafton. | 4 | 51.4 | ..... | 72 | 8 ^f | 25 | 31 | 23 | 4.68 | + 1.73 | 1.05 | ..... | 14 | 11 | 8 | 12 | nw. | State Sanatorium. | | |
| Bethlehem. | do. | 1,470 | 21 | 49.8 | + 3.6 | 75 | 10 | 21 | 31 | 31 | 5.07 | + 1.97 | 0.91 | 0.5 | 18 | 4 | 7 | 20 | s. | Benjamin Tucker. | |
| Concord. | Merrimack. | 350 | 53 | 53.2 | + 4.5 | 75 | 5 | 25 | 31 | 27 | 4.63 | + 1.39 | 1.73 | T. | 15 | 5 | 8 | 18 | nw. | U. S. Weather Bureau. | |
| Durham. | Stafford. | 88 | 18 | 54.0 | + 4.9 | 77 | 3 | 28 | 33 | 30 | 7.96 | + 4.20 | 2.00 | ..... | 12 | 9 | 5 | 17 | se. | Agr. Exp. Station. | |
| Franklin. | Merrimack. | 440 | 14 | 53.8 | + 6.0 | 81 | 5 | 28 | 31 | 34 | 5.38 | + 2.51 | 2.07 | ..... | 18 | 7 | 4 | 17 | nw. | Dr. C. P. Webster. | |
| Grafton. | Grafton. | 863 | 27 | 51.8 | + 5.1 | 82 | 9 | 24 | 31 | 33 | 4.79 | + 1.77 | 1.21 | ..... | 10 | 8 | 4 | 19 | se. | P. R. Kimball. | |
| Hanover. | do. | 603 | 79 | 53.1 | + 6.7 | 80 | 9 | 24 | 31 | 40 | 4.31 | + 1.73 | 0.95 | ..... | 16 | 4 | 13 | 14 | n. | Dartmouth College. | |
| Keene. | Cheshire. | 506 | 28 | 54.0 | + 6.4 | 78 | 9 | 25 | 31 | 32 | 3.34 | | 0.01 | 0.94 | T. | 13 | 6 | 6 | 19 | se. | Samuel Wadsworth. |
| Nashua. | Hillsboro. | 125 | 23 | 55.0 | + 6.1 | 78 | 5 | 28 | 31 | 29 | 7.10 | + 3.45 | 1.83 | ..... | 11 | 5 | 4 | 22 | se. | C. B. Stevens. | |
| Newton. | Rockingham. | 25 | 52.8 | + 4.4 | 72 | 5 | 25 | 23 | 29 | 9.15 | + 4.89 | 2.46 | ..... | 12 | 4 | 8 | 19 | ne. | W. C. Gale. | | |
| Plymouth. | Grafton. | 500 | 25 | 52.6 | + 7.9 | 78 | 10 | 26 | 31 | 28 | 4.59 | + 1.20 | 1.05 | ..... | 10 | 7 | 2 | 22 | w. | Hattie G. Trow. | |
| Vermont. | | | | | | | | | | | | | | | | | | | | | |
| Bloomfield. | Essex. | 6 | 50.4 | ..... | 80 | 10 | 23 | 31 | 36 | 4.97 | ..... | 0.84 | T. | 14 | 8 | 3 | 20 | s. | Lyman Falls Power Co. | | |
| Cavendish. | Windsor. | 910 | 10 | 52.4 | ..... | 80 ^c | 5 ^f | 25 | 31 | 36 | 5.39 | ..... | 1.43 | ..... | 13 | 13 ^b | 7 ^c | 8 ^e | nw. | E. D. Kingsbury. | |
| Chelsea. | Orange. | 840 | 18 | 51.0 | + 5.8 | 79 | 9 | 24 | 31 | 36 | 4.64 | + 2.41 | 1.06 | T. | 14 | 7 | 5 | 19 | n. | W. F. Dewey. | |
| Manchester. | Bennington. | 980 | 14 | 51.0 | ..... | 74 | 7 | 24 | 31 | 34 | 5.15 | ..... | 1.22 | 0.1 | 17 | 9 | 3 | 19 | sw. | N. M. Canfield. | |
| Somerset. | Windham. | 2,096 | 1 | 49.4 | ..... | 74 | 7 | 24 | 31 | 34 | 5.15 | ..... | 1.22 | 0.1 | 17 | 9 | 3 | 19 | nw. | H. C. Whitmore. | |
| St. Johnsbury. | Caledonia. | 711 | 20 | 52.2 | + 5.8 | 79 | 10 | 25 | 31 | 38 | 5.94 | + 3.92 | 1.64 | T. | 15 | 4 | 8 | 24 | nw. | Fairbanks Museum. | |
| Woodstock. | Windsor. | 700 | 21 | 53.8 | + 8.0 | 76 | 10 | 29 | 31 | 37 | 6.27 | + 3.73 | 2.26 | ..... | 8 | 4 | 3 | 24 | ..... | John S. Eaton. | |
| Massachusetts. | | | | | | | | | | | | | | | | | | | | | |
| Amherst. | Hampshire. | 222 | 24 | 55.6 | + 6.6 | 79 | 10 | 24 | 31 | 31 | 5.16 | + 1.41 | 1.67 | T. | 15 | 5 | 8 | 18 | n. | Agr. Exp. Station. | |
| Blue Hill. | Norfolk. | 640 | 28 | 53.6 | + 4.1 | 70 | 23 | 30 | 31 | 32 | 7.62 | + 2.91 | 1.84 | 2.0 | 20 | 4 | 6 | 21 | ne. | Blue Hill Observatory. | |
| Boston. | Suffolk. | 124 | 43 | 56.4 | + 4.1 | 74 | 28 | 31 | 31 | 31 | 6.04 | + 2.18 | 1.41 | 0.4 | 13 | 5 | 20 | e. | U. S. Weather Bureau. | | |
| Chestnut Hill. | do. | 124 | 33 | 56.0 | + 5.3 | 73 | 23 | 30 | 23 | 28 | 6.48 | + 2.23 | 1.13 | 0 | 17 | 14 | 0 | 17 | ..... | Metropolitan Water Board. | |
| Clinton. | Worcester. | 370 | 17 | 54.0 | ..... | 71 | 5 | 25 | 31 | 38 | 6.48 | ..... | 1.81 | 0 | 12 | 0 | 0 | 0 | ..... | Do. | |
| Concord. | Middlesex. | 139 | 23 | 54.0 | + 4.5 | 73 | 5 | 25 | 32 | 32 | 5.60 | + 2.15 | 1.49 | T. | 18 | 4 | 7 | 20 | se. | Fred A. Tower. | |
| Fall River. | Bristol. | 200 | 47 | 56.6 | + 3.4 | 72 | 25 | 30 | 31 | 38 | 9.15 | + 4.42 | 1.97 | 0.5 | 13 | 2 | 14 | 16 | se. | C. V. S. Remington. | |
| Fitchburg. | Worcester. | 550 | 30 | 54.2 | + 5.1 | 74 | 5 | 28 | 31 | 26 | 5.26 | + 1.28 | 2.26 | 0 | 11 | 11 | 2 | 18 | e. | Dr. A. P. Mason. | |
| Framingham. | Middlesex. | 160 | 33 | 57.6 | + 7.4 | 87 | 10 | 29 | 33 | 34 | 5.31 | + 0.96 | 1.08 | 0 | 18 | 0 | 0 | 0 | ..... | Metropolitan Water Board. | |
| Hyannis. | Barnstable. | 31 | 22 | 56.2 | + 1.9 | 69 | 8 ^f | 35 | 31 | 28 | 8.05 | + 4.34 | 1.82 | 0 | 11 | 0 | 0 | 0 | ..... | C. F. Sleeper. | |
| Lawrence. | Essex. | 51 | 29 | 55.0 | + 5.0 | 73 | 5 | 24 | 32 | 35 | 6.89 | + 3.04 | 1.04 | 0 | 15 | 4 | 12 | 15 | e. | Essex Co. | |
| Lowell. | Middlesex. | 100 | 28 | 55.9 | + 6.0 | 74 | 5 | 20 | 32 | 28 | 6.77 | + 3.10 | 1.59 | 0 | 11 | 1 | 6 | 24 | ne. | Props. Locks & Canals. | |
| Middleboro. | Plymouth. | 53 | 27 | 55.7 | + 5.9 | 75 | 3 | 24 | 30 | 32 | 11.77 | + 7.23 | 3.42 | 0.1 | 12 | 1 | 6 | 21 | ne. | A. R. Gurney. | |
| Nantucket. | Nantucket. | 47 | 27 | 56.8 | + 2.3 | 70 | 25 | 35 | 31 | 16 | 6.49 | + 3.10 | 1.21 | 0 | 15 | 3 | 7 | 21 | ne. | U. S. Weather Bureau. | |
| New Bedford. | Bristol. | 244 | 10 | 56.8 | ..... | 73 | 4 ^f | 23 | 31 | 41 | 7.38 | ..... | 1.69 | T. | 10 | 5 | 7 | 19 | e. | City Engineer. | |
| Norfolk. | Norfolk. | 244 | 28 | 53.0 | ..... | 71 | 29 | 30 | 31 | 28 | 10.01 | ..... | 2.54 | T. | 13 | 8 | 2 | 21 | e. | Ruby H. Martyn. | |
| Plymouth. | Plymouth. | 40 | 26 | 55.6 | + 3.0 | 65 | 8 ^f | 38 | 34 ^b | 18 | 7.89 | + 3.73 | 2.78 | 0 | 11 | 11 | 0 | 20 | ne. | Laura B. Knapp. | |
| Provincetown. | Barnstable. | 25 | 11 | 54.4 | ..... | 68 | 27 | 35 | 31 | 20 | 6.18 | ..... | 1.05 | 0 | 11 | 7 | 4 | 20 | n. | Gideon Bowley. | |
| Rockport. | Essex. | 1,160 | 11 | 57.2 | ..... | 80 | 5 | 31 | 23 | 31 | 10.18 | ..... | 3.61 | T. | 11 | 8 | 7 | 16 | nw. | C. F. P. Bearse. | |
| Rutland. | Worcester. | 22 | 22 | 56.4 | + 6.5 | 76 | 6 | 32 | 23 | 28 | 6.90 | + 2.73 | 2.25 | 0 | 9 | 13 | 0 | 13 | ..... | State Sanatorium. | |
| Springfield. | Hampden. | 199 | 0 | 57.2 | ..... | 70 | 8 | 36 | 31 | 19 | 7.84 | + 3.59 | 1.77 | 0 | 11 | 9 | 8 | 14 | ..... | U. S. Army. | |
| Turners Falls. | Franklin. | 200 | 22 | 56.4 | + 6.5 | 75 | 6 | 32 | 23 | 28 | 6.90 | + 2.73 | 2.19 | | | | | | | | |

TABLE 1.—Climatological data for October, 1913. District No. 1—Continued.

| Stations. | Counties. | Elevation, feet. | Length of record, years. | Temperature, in degrees Fahrenheit. | | | | | | Precipitation, in inches. | | | | | | Sky. | | Prevailing wind direction. | Observers. | |
|----------------------|--------------|------------------|--------------------------|-------------------------------------|----------------------------|----------|-------|---------|-------|---------------------------|--------|----------------------------|-----------------------|--------------------------|--|-----------------------|-------------------------------|----------------------------|-----------------------|-----------------|
| | | | | Mean. | Departure from the normal. | Highest. | Date. | Lowest. | Date. | Greatest daily range. | Total. | Departure from the normal. | Greatest in 24 hours. | Total snowfall, unmeted. | Number of rainy days, 0.01 inch or more. | Number of clear days. | Number of partly cloudy days. | Number of overcast days. | | |
| <i>New York.</i> | | | | | | | | | | | | | | | | | | | | |
| Addison. | Steuben. | 1,000 | 23 | 53.8 | + 3.6 | 84 | 6 | 28 | 23 | 42 | 5.53 | + 2.67 | 1.64 | T. | 17 | 12 | 6 | 13 | sw. | |
| Albany. | Albany. | 97 | 92 | 55.4 | + 5.0 | 82 | 9 | 31 | 31 | 28 | 4.12 | + 1.13 | 1.16 | 0.1 | 13 | 6 | 13 | 12 | n. | |
| Alfred. | Allegany. | 1,976 | 18 | 50.2 | + 3.4 | 78 | 9 | 27 | 31 | 36 | 4.68 | + 1.47 | 1.15 | T. | 19 | | | | F. S. Place. | |
| Amsterdam. | Montgomery. | 277 | 9 | 53.6 | | 80 | 10 | 28 | 31 | 37 | 4.91 | | 1.37 | T. | 8 | 17 | 3 | 11 | w. | |
| Athens. | Greene. | 90 | 11 | 56.2 | + 4.7 | 80 | 10 | 32 | 31 | 31 | 5.34 | + 1.33 | 1.42 | T. | 10 | 4 | 13 | 14 | sw. | |
| Ballston Lake. | Saratoga. | 400 | 9 | 53.2 | | 78 | 10 | 27 | 27 | 33 | 3.81 | | 1.00 | T. | 10 | 6 | 7 | 18 | s. | |
| Bedford. | Westchester. | 450 | 22 | 55.4 | + 2.9 | 76 | 5 | 30 | 23 | 27 | 10.97 | + 7.25 | 4.39 | 0 | 12 | 9 | 18 | 6 | | |
| Beerston. | Binghamton. | 1,214 | 1 | 53.4 | + 4.2 | 78 | 6 | 28 | 31 | 37 | 4.28 | | 0.36 | T. | 11 | 0.5 | 12 | 14 | w. | |
| Bouckville. | Broome. | 875 | 22 | 53.4 | + 4.2 | 78 | 10 | 26 | 31 | 31 | 2.76 | | 1.11 | T. | 13 | 4 | 5 | 22 | nw. | |
| Boyd's Corners. | Madison. | 1,350 | 16 | 51.8 | + 3.5 | 78 | 10 | 26 | 31 | 31 | 4.45 | + 0.44 | 1.83 | 1.5 | 14 | 3 | 14 | 14 | s. | |
| Carmel. | Putnam. | 560 | 31 | | | | | | | | 9.72 | + 5.38 | | | | | | | Thos. Manning. | |
| Chatham. | do. | 500 | 21 | 55.2 | + 4.3 | 80 | 5 | 28 | 22 | 31 | 9.93 | + 5.86 | 2.30 | 0 | 11 | 11 | 4 | 16 | ne. | |
| Cooperstown. | Columbia. | 470 | 12 | 54.8 | + 4.8 | 80 | 10 | 30 | 31 | 28 | 4.60 | + 1.15 | 0.90 | T. | 13 | 10 | 7 | 14 | n. | |
| Corinth. | Otsego. | 1,250 | 59 | 52.2 | + 5.5 | 75 | 10 | 25 | 31 | 27 | 5.12 | + 1.78 | 1.03 | | 15 | 17 | 6 | 8 | s. | |
| Cortland. | Saratoga. | 542 | 11 | | | | | | | | 5.45 | | 1.15 | 0 | | | | | A. M. Hollister. | |
| Cutchogue. | Cortland. | 1,129 | 61 | 53.4 | + 6.5 | 80 | 5 | 28 | 31 | 42 | 3.43 | - 0.46 | 1.47 | 0.5 | 13 | 15 | 4 | 12 | nw. | |
| De Ruyter. | Suffolk. | 32 | 14 | 58.4 | + 3.2 | 76 | 5 | 36 | 31 | 28 | 8.60 | + 5.18 | 2.08 | 0 | 10 | 7 | 13 | 11 | n. | |
| Elmira. | Madison. | 1,300 | 12 | 52.4 | + 4.4 | 88 | 10 | 28 | 31 | 41 | 5.30 | + 1.30 | 1.90 | 0.8 | 14 | 11 | 7 | 13 | nw. | |
| Glen Falls. | Chemung. | 863 | 30 | 53.7 | + 2.7 | 79 | 10 | 30 | 31 | 34 | 4.44 | + 1.38 | 1.31 | T. | 9 | 10 | 7 | 14 | sw. | |
| Gloversville. | Warren. | 340 | 22 | 54.2 | + 4.9 | 82 | 10 | 26 | 22 | 36 | 5.05 | + 1.98 | 1.54 | | | | | | Prof. C. L. Williams. | |
| Greenfield Center. | Fulton. | 850 | 21 | 52.2 | + 4.6 | 77 | 10 | 28 | 22 | 37 | 4.44 | + 1.29 | 1.13 | 0 | 13 | 10 | 8 | 8 | W. L. McLean. | |
| Haskinsville. | Saratoga. | 314 | 15 | 52.2 | + 2.2 | 78 | 10 | 26 | 22 | 35 | 4.85 | + 1.47 | 1.25 | 0 | 10 | 9 | 13 | 10 | S. E. Darlow. | |
| Honsick Falls. | Steuben. | | 18 | | | | | | | | 4.29 | + 1.45 | 1.20 | 0.5 | 15 | | | | W. G. Collins. | |
| Indian Lake. | Rensselaer. | 410 | 11 | | | | | | | | 5.85 | | 1.50 | 0 | | | | | S. L. Cluett. | |
| Jeffersonville. | Hamilton. | 1,750 | 14 | 49.1 | + 3.9 | 80 | 5 | 23 | 31 | 50 | 6.28 | + 2.62 | 1.50 | | 12 | 10 | 8 | 13 | n. | |
| Little Falls. | Sullivan. | 1,240 | 10 | 54.0 | | 80 | 5 | 30 | 23 | 42 | 4.32 | | 1.33 | T. | 7 | 13 | 11 | 7 | W. F. Willett, Jr. | |
| Mohonk Lake. | Herkimer. | 924 | 15 | 53.0 | + 4.0 | 79 | 10 | 24 | 31 | 36 | 3.41 | - 0.05 | 1.20 | T. | 12 | 18 | 4 | 9 | W. J. Dempster. | |
| Morhouseville. | Ulster. | 1,245 | 17 | 54.8 | + 4.8 | 76 | 10 | 32 | 31 | 23 | 5.84 | + 2.07 | 2.15 | 0 | 11 | 13 | 9 | 9 | Daniel Smiley. | |
| Morrisville. | Hamilton. | 1,697 | 5 | 49.2 | | 78 | 5 | 22 | 22 | 46 | 6.86 | | 1.76 | 0.5 | 10 | 21 | 4 | 6 | T. C. Remond. | |
| Mount Hope. | Westchester. | 1,325 | 1 | 52.0 | | 80 | 10 | 28 | 22 | 36 | 3.99 | | 2.00 | 0 | 7 | 15 | 6 | 10 | I. M. Charlton. | |
| Mount McGregor. | Saratoga. | 1,060 | 1 | 53.0 | | 75 | 7 | 27 | 31 | 23 | 5.93 | | 1.15 | 0 | 9 | 14 | 9 | 8 | W. A. Cornelius. | |
| New Berlin. | Tioga. | 825 | 26 | | | | | | | | 3.08 | - 0.61 | 1.07 | 1.0 | 10 | | | | Lyma D. Clinton. | |
| New Lisbon. | Chenango. | 1,090 | 6 | | | | | | | | 5.17 | | 1.50 | T. | | | | | Chas. F. Sarle. | |
| New York City. | Otsego. | 1,234 | 23 | 49.9 | + 4.0 | 78 | 10 | 23 | 31 | 41 | 4.42 | + 1.08 | 1.75 | 1.0 | 13 | 9 | 7 | 15 | G. A. Yates. | |
| North Creek. | New York. | 314 | 88 | 58.2 | + 2.6 | 75 | 5 | 35 | 31 | 21 | 10.56 | + 6.85 | 5.18 | 0 | 10 | 7 | 10 | 14 | U. S. Weather Bureau. | |
| Northville. | Warren. | 1,002 | 5 | 52.1 | | 81 | 10 | 21 | 31 | 37 | 3.20 | | 1.51 | 0 | 7 | 17 | 2 | 12 | W. G. Kenwell. | |
| Oneonta. | Fulton. | 742 | 11 | | | | | | | | 3.26 | | 1.60 | 0 | 7 | | | | P. C. Pickard. | |
| Oxford. | Otsego. | 1,112 | 19 | 54.0 | + 4.5 | 81 | 10 | 29 | 31 | 41 | 3.24 | - 0.45 | 0.72 | T. | 10 | 11 | 7 | 13 | H. W. Lee. | |
| Oyster Bay. | Chenango. | 916 | 48 | 52.4 | + 5.3 | 76 | 10 | 30 | 24 | 35 | 2.79 | + 0.68 | 1.10 | 0 | 8 | 7 | 13 | 11 | J. P. Davis. | |
| Port Jervis. | Nassau. | 40 | 9 | 61.2 | | 74 | 5 | 27 | 22 | 24 | 8.13 | | 3.17 | 0 | 7 | 18 | 2 | 11 | Prof. Thos. Cothby. | |
| Roslyn. | Orange. | 470 | 29 | 56.2 | + 5.5 | 81 | 5 | 29 | 23 | 35 | 5.46 | + 1.77 | 1.84 | T. | 13 | 10 | 9 | 12 | W. H. Nearpass. | |
| Salisbury. | Nassau. | 215 | 1 | 56.2 | | 74 | 6 | 35 | 22 | 23 | 8.04 | | 3.38 | 0 | 14 | 13 | 4 | 14 | C. H. Hechler. | |
| Scarsdale. | Kirkimer. | 1,526 | 16 | 51.4 | + 3.0 | 77 | 10 | 22 | 22 | 34 | 5.84 | + 1.57 | 1.36 | T. | 14 | 15 | 11 | 5 | Joseph Ryan. | |
| Setauket. | Westchester. | 200 | 9 | 59.2 | | 75 | 6 | 34 | 22 | 26 | 9.30 | | 4.10 | 0 | 8 | 16 | 7 | 8 | C. H. Wilmarth. | |
| Sharon Springs. | Suffolk. | 40 | 28 | 57.6 | + 3.2 | 72 | 10 | 37 | 31 | 21 | 8.81 | + 4.27 | 2.95 | 0 | 11 | 11 | 7 | 13 | Selah B. Strong. | |
| Southampton. | Schoharie. | 821 | 0 | 53.6 | | 79 | 10 | 30 | 31 | 35 | 4.77 | | 1.18 | 0.5 | 13 | 8 | 13 | 10 | Wm. K. Kling. | |
| Windham. | Suffolk. | 36 | 12 | 58.0 | + 3.9 | 71 | 5 | 35 | 23 | 23 | 6.44 | + 3.10 | 2.14 | 0 | 14 | 8 | 9 | 14 | W. L. Jaeger. | |
| <i>Pennsylvania.</i> | | | | | | | | | | | | | | | | | | | | |
| Altoona. | Blair. | 1,181 | 25 | 53.2 | + 1.8 | 88 | 5 | 27 | 22 | 44 | 7.90 | + 5.48 | 2.05 | 0 | 14 | 10 | 8 | 13 | S. A. Gailey. | |
| Bethlehem. | Northampton. | 260 | 12 | 59.6 | + 5.9 | 82 | 5 | 34 | 23 | 33 | 5.41 | + 2.21 | 1.93 | 0 | 9 | 12 | 11 | 8 | Chas. H. Rominger. | |
| Catawissa. | Columbia. | 470 | 4 | 56.0 | | 76 | 8 | 32 | 22 | 31 | 4.06 | | 0.99 | T. | 13 | 7 | 12 | 12 | Wm. G. Yetter. | |
| Driftwood. | Luzerne. | 1,633 | 15 | 51.4 | + 3.5 | 73 | 10 | 30 | 23 | 32 | 5.54 | + 1.94 | 1.35 | T. | 17 | 15 | 4 | 12 | Eckley B. Cox, Jr. | |
| Doylestown. | Bucks. | 347 | 23 | | | | | | | | 8.66 | | 3.15 | 0 | 9 | | | | Alfred W. Walton. | |
| Emporium. | Cameron. | 1,080 | 26 | 52.0 | + 2.0 | 75 | 5 | 26 | 14 | 38 | 6.42 | + 3.35 | 0.96 | T. | 14 | 5 | 11 | 16 | T. B. Lloyd. | |
| Ephrata. | Lancaster. | 334 | 15 | 56.4 | + 2.0 | 78 | 6 | 29 | 22 | 29 | 5.33 | + 2.27 | 1.85 | 0 | 10 | 12 | 6 | 13 | W. L. Frantz. | |
| Everett. | Bedford. | 1,060 | 15 | 54.4 | + 3.1 | 77 | 6 | 24 | 22 | 36 | 6.76 | + 4.07 | 1.52 | 0 | 13 | 6 | 16 | 6 | 16 | B. L. Steckman. |
| George School. | Bucks. | 184 | 6 | 57.1 | | 80 | 5 | 28 | 22 | 34 | 7.03 | | 2.03 | 0 | 11 | 8 | 14 | 9 | 9 | N. W. Swayne. |
| Gettysburg. | Adams. | 600 | 39 | 56.2 | + 5.5 | 78 | 5 | 28 | 22 | 36 | 6.10 | + 2.95 | 1.55 | 0 | 14 | 10 | 9 | 12 | Col. E. B. Cope. | |
| Gordon. | Schuylkill. | 904 | 9 | 55.4 | | 77 | 5 | 26 | 23 | 39 | 6.33 | | 1.71 | 0 | 14 | 10 | 3 | 18 | Capt. J. G. Johnson. | |
| Hamburg. | Berks. | 380 | 17 | 56.8 | + 2.9 | 73 | 5 | 30 | 21 | 36 | 6.69 | + 2.70 | 2.00 | 0 | 9 | | | | W. J. Kalbach. | |
| Hanover. | York. | 600 | 9 | 57.7 | | 76 | 9 | 27 | 22 | 28 | 5.41 | | 1.17 | 0 | 12 | 16 | 4 | 11 | Miss Mabel Champlin. | |
| Harrisburg. | Dauphin. | 361 | 25 | 57.3 | + 3.3 | 78 | 6 | 34 | 21 | 26 | 6.20 | + 3.25 | 3.34 | 0 | 13 | 8 | 9 | 14 | U. S. Weather Bureau. | |
| Huntingdon. | Huntingdon. | 650 | 25 | 56.0 | + 4.1 | 80 | 5 | 26 | 22 | 41 | 5.70 | + 2.69 | 1.14 | 0 | 14 | 10 | 5 | 16 | Prof. W. J. Swigart. | |
| Hyndman. | Bedford. | 977 | 6 | 55.5 | | 82 | 6 | 27 | 22 | 37 | 7.30 | | 1.84 | 0 | 10 | 12 | 5 | 13 | H. Somers Fischer. | |
| Lancaster. | Lancaster. | 255 | 20 | 56.0 | | 78 | 6 | 27 | 22 | 32 | 4.67 | + 1.30 | 1.45 | 0 | 9 | 11 | 9 | 11 | F. H. Shaw. | |
| Le Roy. | Bradford. | 1,400 | 24 | 52.6 | + 3.1 | 78 | 6 | 30 | 22 | 30 | 3.33 | - 0.08 | 1.46 | T. | 15 | 9 | 9 | 13 | G. W. T. Warburton. | |
| Lewisburg. | Union. | 450 | 39 | 55.5 | + 4.8 | 80 | 5 | 30 | 31 | 39 | 4.67 | + 1.42 | 1.60 | 0 | 12 | 9 | 8 | 14 | Prof. W. G. Owens. | |
| Lock Haven. | Clinton. | 560 | 25 | 56.0 | + 3.8 | 82 | 5 | 32 | 14 | 38 | | | | | | | | | | |

TABLE 1.—*Climatological data for October, 1913. District No. 1—Continued.*

| Stations. | Counties. | Elevation, feet. | Length of record, years. | Temperature, in degrees Fahrenheit. | | | | | | Precipitation, in inches. | | | | | | Number of rainy days 0.01 inch or more. | Number of clear days. | Number of partly cloudy days. | Number of cloudy days. | Sky. | Prevailing wind direc- tion. | Observers. |
|----------------------------|-----------------|------------------|--------------------------|-------------------------------------|-------------------------------|-----------------|----------------|-----------------|-----------------|---------------------------|--------|-------------------------------|--------------------------|--------------------------------|----|--|--------------------------|----------------------------------|---------------------------|------------------------|---------------------------------|------------|
| | | | | Mean. | Departure from the normal. | Highest. | Date. | Lowest. | Date. | Greatest daily range. | Total. | Departure from the normal. | Greatest in 24 hours. | Total snowfall, unadjusted. | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| <i>Pennsylvania—Contd.</i> | | | | | | | | | | | | | | | | | | | | | | |
| Spring Mount. | Montgomery. | 155 | 24 | 58.4 | + 2.8 | 72 | 5 | 35 | 22 | 23 | 3.88 | + 0.10 | 1.48 | 0 | 11 | 11 | 8 | 12 | nw. | Jas. F. Smith. | | |
| State College. | Center. | 1,191 | 25 | 53.4 | + 2.9 | 78 | 5 | 28 | 31 | 36 | 4.66 | + 1.75 | 1.24 | T. | 13 | 13 | 10 | 11 | 10 | sw. | Prof. Wm. Frear. | |
| Stroudsburg. | Monroe. | 425 | 3 | 55.0 | - | 78 | 10 | 29 | 22 | 34 | 5.73 | - | 1.64 | T. | 14 | 10 | 11 | 10 | 10 | n. | J. Clyde Le Bar. | |
| Towanda. | Bradford. | 754 | 18 | 53.1 | + 2.5 | 78 | 6† | 29 | 31 | 38 | 3.39 | + 0.08 | 0.96 | T. | 15 | 11 | 2 | 18 | 10 | nw. | Hiram E. Bull, C. E. | |
| Wellsboro. | Tioga. | 1,327 | 36 | 51.3 | + 2.8 | 76 | 5† | 29 | 14† | 41 | 6.50 | + 2.96 | 2.00 | T. | 10 | 10 | 0 | 13 ^b | 10 ^b | nw. | Dr. John W. Eaton. | |
| West Chester. | Chester. | 455 | 59 | 57.0 | + 3.5 | 77 | 5 | 33 | 22 | 26 | 5.87 | + 1.99 | 1.74 | 0 | 17 | 10 | 9 | 12 | 10 | nw. | J. C. Green, D. D. S. | |
| Williamsport. | Lycoming. | 530 | 23 | 57.2 | + 5.5 | 82 | 5 | 35 | 22† | 26 | 4.80 | + 1.35 | 1.70 | 0 | 11 | 11 | 4 | 16 | 16 | nw. | Henry H. Guise. | |
| <i>New Jersey.</i> | | | | | | | | | | | | | | | | | | | | | | |
| Asbury Park. | Monmouth. | 22 | 25 | 58.4 | + 2.8 | 72 | 5 | 35 | 22 | 23 | 3.88 | + 0.10 | 1.48 | 0 | 11 | 11 | 8 | 12 | nw. | H. E. Denegar. | | |
| Atlantic City. | Atlantic. | 16 | 46 | 58.2 | + 0.8 | 73 | 2 | 34 | 31 | 22 | 3.83 | + 0.53 | 1.28 | 0 | 12 | 10 | 6 | 15 | 15 | nw. | U. S. Weather Bureau. | |
| Bayonne. | Hudson. | 50 | 23 | 58.9 | + 3.6 | 76 | 6 | 37 | 22† | 33 | 12.69 | + 9.04 | 7.06 | 0 | 13 | 11 | 7 | 13 | n. | Erskine R. Eadie. | | |
| Belvidere. | Warren. | 289 | 23 | 58.0 | + 5.5 | 79 | 10 | 31 | 23 | 33 | 7.45 | + 3.61 | 2.38 | 0 | 6 | 18 | 1 | 12 | n. | Samuel J. Hixson. | | |
| Bergen Point. | Hudson. | 37 | 16 | 58.8 | + 4.5 | 76 | 5 | 37 | 22† | 23 | 13.16 | + 9.08 | 7.05 | 0 | 8 | 9 | 15 | 7 | nw. | Wm. H. Mitchell, M. D. | | |
| Boonton. | Morris. | 239 | 23 | 58.6 | + 1.9 | 77 | 2 | 30 | 22 | 32 | 5.65 | + 2.12 | 2.32 | 0 | 14 | 13 | 7 | 11 | w. | Joseph White. | | |
| Bridgeport. | Cumberland. | 30 | 32 | 58.6 | + 1.9 | 77 | 2 | 30 | 22 | 32 | 5.65 | + 2.12 | 2.00 | 0 | 9 | 13 | 7 | 11 | w. | Henry A. Jorden. | | |
| Burlington. | Burlington. | 12 | 27 | 58.6 | - | 78 | 5 | 34 | 23 | 30 | 6.14 | + 2.69 | 1.30 | 0 | 14 | 16 | 4 | 11 | nw. | D. S. B. McCoy. | | |
| Cape May City. | Cape May. | 17 | 35 | 59.2 | + 1.6 | 75 | 2 | 34 | 31 | 20 | 4.52 | + 1.22 | 1.84 | 0 | 14 | 8 | 11 | 12 | nw. | U. S. Weather Bureau. | | |
| Charlotteburg. | Passaic. | 719 | 21 | 55.6 | + 5.2 | 74 | 5† | 25 | 23 | 33 | 10.35 | + 5.94 | 3.50 | 0 | 11 | 12 | 13 | 6 | nw. | George S. Briggs. | | |
| Chatham. | Morris. | 234 | 11 | 58.2 | + 3.1 | 77 | 4† | 32 | 22 | 30 | 5.82 | + 3.31 | 2.63 | 0 | 7 | 16 | 3 | 12 | nw. | M. A. Butler. | | |
| Clyde. | Gloucester. | 126 | 20 | 58.2 | + 3.1 | 77 | 4† | 32 | 22 | 30 | 5.82 | + 3.31 | 2.51 | T. | 11 | 16 | 2 | 11 | 11 | n. | William T. Farley. | |
| Culvers Lake. | Sussex. | 848 | 12 | 54.9 | + 3.6 | 75 | 5 | 27 ^a | 31 | 31 ^a | 9.18 | + 5.19 | 3.06 | T. | 10 | 10 | 2 | 17 | 12 | e. | Brice E. Riker. | |
| Dover. | Morris. | 600 | 29 | 54.3 | + 3.6 | 75 | 5 | 27 ^a | 31 | 31 ^a | 9.18 | + 5.19 | 3.06 | T. | 11 | 16 | 2 | 17 | 12 | e. | William C. Harris. | |
| Elizabeth. | Union. | 45 | 34 | 58.3 | + 3.6 | 77 | 5 | 33 | 22† | 28 | 11.22 | + 7.40 | 4.88 | 0 | 14 | 12 | 10 | 9 | n. | L. B. Bonnett. | | |
| Flemington. | Hunterdon. | 140 | 35 | 58.6 | + 4.5 | 81 | 10 | 32 | 23 | 30 | 7.40 | + 3.95 | 2.34 | 0 | 13 | 12 | 10 | 9 | n. | Hiram E. Deats. | | |
| Haddonfield. | Camden. | 75 | 26 | 58.5 | + 4.8 | 78 | 5 | 32 | 23† | 32 | 5.48 | + 2.84 | 1.83 | 0 | 15 | 11 | 10 | 10 | nw. | Charles F. Richardson. | | |
| Hightwood. | Bergen. | 90 | 26 | 56.8 | + 4.1 | 75 | 10 | 30 | 23 | 29 | 11.68 | + 7.15 | 4.42 | 0 | 10 | 9 | 10 | 12 | s. | Charles J. Bates. | | |
| Imlaytown. | Monmouth. | 185 | 25 | 56.0 | + 1.7 | 76 | 5† | 30 | 23 | 33 | 4.30 | + 0.23 | 2.05 | 0 | 9 | 20 | 2 | 9 | nw. | H. E. Bullock. | | |
| Indian Mills. | Burlington. | 76 | 24 | 58.2 | + 3.6 | 78 | 5† | 32 | 23† | 34 | 5.94 | + 2.36 | 2.18 | 0 | 13 | 11 | 10 | 10 | nw. | James Armstrong. | | |
| Jersey City. | Hudson. | 10 | 15 | 59.4 | + 3.8 | 78 | 5 | 38 | 22† | 24 | 12.54 | + 8.79 | 6.13 | T. | 10 | 9 | 8 | 14 | n. | Samuel K. Pearson, Jr. | | |
| Lambertville. | Hunterdon. | 95 | 26 | 58.4 ^b | + 4.8 | 82 ^a | 10 | 33 ^b | 23 | 30 ^b | 10.19 | + 6.35 | 3.01 | 0 | 12 | 12 | 15 | 15 | nw. | Samuel W. Cochran. | | |
| Little Falls. | Passaic. | 175 | 11 | 58.2 | - | 76 | 28 | 30 | 31 | 25 | 10.88 | + 4.35 | 2.55 | 0 | 12 | 9 | 7 | 15 | nw. | A. Sweetman. | | |
| Long Branch. | Monmouth. | 25 | 6 | 57.2 | - | 76 | 28 | 30 | 31 | 25 | 10.88 | + 4.35 | 2.55 | 0 | 12 | 9 | 7 | 15 | nw. | William D. Martin, Jr. | | |
| Mahwah. | Bergen. | 312 | 11 | 57.2 | - | 76 | 28 | 30 | 31 | 25 | 10.88 | + 4.35 | 2.55 | 0 | 12 | 9 | 7 | 15 | nw. | Charles L. Barker. | | |
| Moorestown. | Burlington. | 75 | 51 | 58.3 | + 4.1 | 77 | 5 | 32 | 23 | 32 | 5.56 | + 1.92 | 2.00 | 0 | 11 | 10 | 10 | 11 | w. | George L. Gillingham. | | |
| Newark. | Essex. | 159 | 70 | 59.6 | + 5.2 | 79 | 5 | 36 | 21 | 31 | 13.84 | + 10.07 | 5.97 | 0 | 12 | 15 | 7 | 9 | nw. | Prof. Wm. Weiner. | | |
| New Brunswick. | Middlesex. | 139 | 60 | 57.5 | + 2.9 | 79 | 5 | 32 | 23 | 28 | 7.37 | + 3.78 | 2.40 | 0 | 9 | 11 | 8 | 12 | nw. | Earle C. Stillwell. | | |
| Newton. | Sussex. | 678 | 34 | 55.6 | + 3.9 | 80 | 10 | 31 | 22 | 30 | 6.88 | + 3.17 | 1.83 | 0 | 7 | 8 | 8 | 15 | n. | F. Vernon Lossee. | | |
| Northfield. | Atlantic. | 25 | 6 | 57.2 | - | 76 | 28 | 30 | 31 | 25 | 10.88 | + 4.35 | 2.55 | 0 | 14 | 14 | 14 | 8 | n. | William L. Flick. | | |
| Paterson. | Passaic. | 80 | 42 | 59.3 | + 4.9 | 80 | 5 | 35 | 22† | 28 | 9.93 | + 5.83 | 3.55 | T. | 11 | 6 | 15 | 10 | 10 | n. | Heber A. Probert. | |
| Phillipsburg. | Warren. | 363 | 23 | 58.2 | + 5.3 | 80 | 5 | 31 | 22 | 28 | 9.47 | + 5.82 | 3.45 | T. | 14 | 7 | 14 | 10 | 10 | n. | D. W. Smith. | |
| Plainfield. | Union. | 100 | 27 | 58.0 | + 5.0 | 77 | 5 | 30 | 22 | 28 | 9.00 | + 0.28 | 1.06 | 0 | 13 | 14 | 9 | 8 | n. | John Neagle. | | |
| Pleasantville. | Atlantic. | 26 | 15 | 58.2 | - | 76 | 5 | 30 | 22 | 28 | 9.03 | + 6.17 | 3.12 | 0 | 14 | 14 | 14 | 8 | n. | Lincoln Van Gilder. | | |
| Pompton Plains. | Morris. | 195 | 11 | 58.2 | - | 76 | 5 | 30 | 22 | 28 | 9.03 | + 6.17 | 3.12 | 0 | 14 | 14 | 14 | 8 | n. | M. S. Taylor. | | |
| Somerville. | Somerset. | 60 | 30 | 58.2 | + 4.8 | 78 | 5 | 29 | 23 | 33 | 9.97 | + 6.56 | 3.69 | 0 | 11 | 16 | 6 | 9 | n. | A. A. Macdonald. | | |
| South Orange. | Essex. | 200 | 43 | 57.2 | + 4.3 | 74 | 5† | 33 | 22 | 27 | 10.38 | + 6.57 | 4.00 | T. | 13 | 12 | 9 | 10 | 10 | e. | Dr. Wm. J. Chandler. | |
| Sussex. | Sussex. | 442 | 23 | 56.6 | + 4.4 | 83 | 10 | 30 | 23 | 33 | 6.83 | + 3.48 | 2.20 | 0 | 12 | 12 | 4 | 15 | nw. | George Dymock. | | |
| Trenton. | Mercer. | 190 | 24 | 58.2 | + 1.7 | 75 | 5 | 34 | 31 | 29 | 6.29 | + 2.55 | 2.25 | 0 | 11 | 8 | 8 | 13 | nw. | U. S. Weather Bureau. | | |
| Tuckerton. | Ocean. | 23 | 20 | 57.0 | + 2.2 | 73 | 1† | 28 | 22 | 30 | 3.75 | + 0.08 | 1.34 | 0 | 11 | 14 | 8 | 9 | nw. | Frank R. Austin. | | |
| Vineland. | Cumberland. | 118 | 44 | 58.4 | + 3.0 | 77 | 5 | 30 | 23 | 33 | 2.70 | + 0.76 | 0.92 | 0 | 10 | 13 | 11 | 7 | nw. | Alfred Chalmers. | | |
| Woodbine. | Cape May. | 43 | 22 | 57.2 ^b | + 1.6 | 75 | 5 | 30 ^b | 23 ^b | 31 ^b | 4.31 | + 0.72 | 1.40 | 0 | 12 | 12 | 12 | 12 | nw. | Prof. R. D. Maitby. | | |
| <i>Maryland.</i> | | | | | | | | | | | | | | | | | | | | | | |
| Annapolis. | Anne Arundel. | 45 | 41 | 61.4 | + 3.9 | 77 | 2† | 36 | 31 | 28 | 3.61 | - 0.14 | 1.02 | 0 | 10 | 12 | 8 | 11 | nw. | U. S. Naval Academy. | | |
| Baltimore. | Baltimore. | 115 | 43 | 59.6 | + 2.1 | 77 | 5 | 37 | 22 | 28 | 3.50 | + 0.48 | 1.05 | 0 | 12 | 5 | 11 | 15 | nw. | U. S. Weather Bureau. | | |
| Cambridge. | Dorchester. | 25 | 15 | 61.0 | + 2.5 | 81 | 8 | 38 | 23 | 31 | 3.08 | + 1.63 | 2.27 | 0 | 9 | 7 | 15 | 9 | n. | T. E. Keenan. | | |
| Cheltenham. | Prince Georges. | 230 | 13 | 58.8 | + 2.7 | 77 | 2† | 36 | 22 | 30 | 4.29 | + 0.99 | 1.41 | 0 | 15 | 14 | 8 | 9 | n. | George Hartnell. | | |
| Chestertown. | Kent. | 80 | 27 | 59.2 | + 3.4 | 78 | 9 | 34 | 22 | 29 | 5.83 | + 2.84 | 1.72 | 0 | 8 | 13 | 10 | 8 | w. | M. W. Thomas. | | |
| Coleman. | do. | 80 | 13 | 60.1 ^d | + 2.6 | 76 | 7 ^d | 35 ^a | 23 ^a | 30 ^a | 3.88 | + 0.86 | 1.58 | 0 | 7 | 12 | 3 ^d | 12 ^d | n. | J. S. Harris. | | |
| College Park. | Prince Georges. | 170 | 22 | 57.7 ^d | + 2.1 | 83 ^d | 4 | 26 ^a | 22 | 40 ^a | 3.11 | + 0.36 | 0.80 | 0 | 10 | 10 | 6 ^d | 11 ^d | nw. | Prof. H. J. Patterson. | | |
| Cumberland. | Alleghany. | 623 | 39 | 57.9 | - | 82 | 1† | 27 | 22 | 38 | 5.45 | + 4.07 | 1.76 | T. | 14 | 12 | 7 | 12 | n. | Francis E. Harrington. | | |
| Darlington. | Harford. | 300 | 23 | 57.2 | + 3.0 | 76 | 6 | 32 | 22 | 27 | 5.25 | + 1.95 | 1.40 | 0 | 14 | 14 | 6 | 11 | nw. | Prof. A. F. Galbreath. | | |
| Denton. | Caroline. | 42 | 18 | 58.4 | + 2.3 | 77 | 1 | 28 | 22 | 35 | | | | | | | | | | | | |

TABLE 1.—*Climatological data for October, 1913. District No. 1—Continued.*

| Stations. | Counties. | Elevation, feet. | Length of record, years | Temperature, in degrees Fahrenheit. | | | | | | Precipitation, in inches. | | | | | | Sky. | Prevailing wind direction. | Observers. | | |
|------------------------------|---------------------------|------------------|-------------------------|-------------------------------------|----------------------------|----------|-------|---------|-------|---------------------------|--------|----------------------------|-----------------------|-----------------------------|--|-----------------------|-------------------------------|------------------------|-----|---|
| | | | | Mean. | Departure from the normal. | Highest. | Date. | Lowest. | Date. | Greatest daily range. | Total. | Departure from the normal. | Greatest in 24 hours. | Total snowfall, unmeasured. | Number of rainy days, 0.01 inch or more. | Number of clear days. | Number of partly cloudy days. | Number of cloudy days. | | |
| <i>Delaware.</i> | | | | | | | | | | | | | | | | | | | | |
| Delaware City..... | Newcastle..... | 10 | 6 | 58.7 | ..... | 73 | 10 | 33 | 22 | 27 | 4.86 | + 2.00 | 1.12 | 0 | 9 | 17 | 1 | 13 | nw. | H. Morton Price. |
| Dover..... | Kent..... | 40 | 25 | 59.6 | + 3.4 | 80 | 6 | 30 | 22 | 32 | 4.75 | + 1.58 | 1.85 | 0 | 12 | 14 | 5 | 12 | nw. | W. C. Josting. |
| Milford..... |do..... | 20 | 29 | 59.4 | + 0.7 | 76 | 1 | 31 | 22 | 29 | 5.20 | + 1.76 | 2.93 | 0 | 14 | 12 | 7 | 12 | nw. | Chas. J. Holzmueller. |
| Millsboro..... | Sussex..... | 20 | 21 | 60.0 | + 3.3 | 77 | 28 | 33 | 22 | 34 | 3.68 | - 0.08 | 1.25 | 0 | 7 | 15 | 5 | 11 | nw. | Rev. L. M. Wells. |
| Seaford..... |do..... | 40 | 23 | 53.3 | + 2.1 | 75 | 9 | 30 | 22 | 28 | 5.08 | + 1.76 | 3.29 | 0 | 11 | 14 | 6 | 11 | nw. | E. B. Brown. |
| Wilmington..... | Newcastle..... | 86 | 2 | 60.8 | ..... | 78 | 5† | 37 | 22 | 28 | 4.52 | + 0.93 | 1.57 | 0 | 8 | 17 | 11 | 3 | nw. | Alexander J. Taylor. |
| <i>District of Columbia.</i> | | | | | | | | | | | | | | | | | | | | |
| Washington..... | District of Columbia..... | 112 | 43 | 58.8 | + 2.2 | 77 | 6 | 35 | 22 | 29 | 3.37 | + 0.28 | 0.93 | 0 | 12 | 9 | 9 | 13 | nw. | U. S. Weather Bureau |
| <i>Virginia.</i> | | | | | | | | | | | | | | | | | | | | |
| Culpeper..... | Culpeper..... | 450 | 5 | 57.0 | ..... | 78 | 10 | 24 | 22 | 32 | 4.13 | ..... | 1.93 | 0 | 11 | 11 | 13 | 7 | nw. | Col. H. C. Burrows. |
| Dale Enterprise..... | Rockingham..... | 1,350 | 34 | ..... | 84 | 5 | ..... | 33 | 22 | 29 | 2.95 | + 0.07 | 0.87 | T. | 10 | 5 | 17 | 9 | s. | Rev. L. J. Heatwole. |
| Eastville..... | Northampton..... | 15 | 3 | 61.6 | + 0.8 | 82 | 8 | 26 | 22 | 34 | 4.97 | + 1.08 | 1.82 | 0 | 10 | 7 | 19 | 5 | nw. | T. B. Robertson. |
| Fredericksburg..... | Spotsylvania..... | 100 | 24 | 59.0 | + 1.8 | 78 | 1 | 26 | 22 | 34 | 2.96 | - 0.61 | 0.49 | 0 | 14 | 14 | 11 | 6 | nw. | S. G. Howison. |
| Lincoln..... | Loudoun..... | 500 | 12 | 56.8 | + 0.7 | 77 | 6 | 28 | 22 | 30 | 5.31 | + 2.27 | 1.00 | 0 | 10 | 15 | 6 | 10 | nw. | Dr. Geo. Roberts. |
| Mount Weather..... |do..... | 1,726 | 9 | 52.6 | + 1.1 | 70 | 5 | 28 | 22 | 23 | 4.52 | + 2.10 | 1.22 | T. | 15 | 8 | 7 | 16 | nw. | U. S. Weather Bureau. |
| Quantico..... | Prince William..... | 16 | 16 | 58.5 | + 2.8 | 77 | 2 | 24 | 22 | 32 | 2.49 | ..... | 1.22 | 0 | 10 | 18 | 7 | 6 | ne. | Richmond, Fredericksburg, & Potomac Railroad. |
| Stampton..... | Augusta..... | 1,380 | 21 | 56.2 | + 0.5 | 81 | 6 | 24 | 22 | 37 | 4.84 | + 1.76 | 1.08 | T. | 12 | 7 | 14 | 10 | sw. | Ernest Nothnagel. |
| Swetnam..... | Fairfax..... | 300 | 1 | ..... | ..... | 75 | 8 | 27 | 22 | 38 | 4.94 | ..... | 1.50 | 0 | 7 | 16 | 5 | 10 | nw. | Potomac Electric Power Co. |
| Wachapreague..... | Acomac..... | 15 | 1 | ..... | ..... | 78 | 1 | 27 | 22 | 38 | 4.70 | ..... | 1.98 | 0 | 6 | 7 | 14 | 10 | n. | Mrs. A. H. G. Mears. |
| Warsaw..... | Richmond..... | 160 | 21 | 60.4 | + 3.0 | 78 | 5 | 27 | 22 | 33 | 4.50 | + 1.19 | 2.12 | 0 | 8 | 7 | 14 | 10 | sw. | C. H. Constable. |
| Waynesboro..... | Augusta..... | 1,315 | 1 | 57.6 | ..... | 76 | 5 | 26 | 22 | 33 | ..... | ..... | 0.93 | 0 | 10 | 13 | 6 | 12 | w. | H. M. Magie. |
| Winchester..... | Frederick..... | 717 | 2 | 57.8 | ..... | 78 | 1 | 26 | 22 | 28 | 3.96 | ..... | 1.07 | 0 | 13 | 13 | 5 | 5 | w. | Bentley Kern. |
| Woodstock..... | Shenandoah..... | 927 | 17 | 59.0 | + 3.2 | 81 | 5 | 25 | 22 | 41 | 3.61 | + 0.89 | ..... | 0 | 13 | 13 | 5 | 5 | w. | Mrs. A. G. Artz. |

*, †, ‡, etc., indicate, respectively, 1, 2, 3, etc., days missing from the record.

* Temperature extremes are from observed readings of the dry bulb; means are computed from observed readings.

† Also on other dates.

T. Precipitations is less than 0.01 inch rain or melted snow.

TABLE 2.—*Daily precipitation for October, 1913. District No. 1, North Atlantic States.*

TABLE 2.—*Daily precipitation for October, 1913. District No. 1—Continued.*

TABLE 2.—*Daily precipitation for October, 1913. District No. 1—Continued.*

TABLE 2.—*Daily precipitation for October, 1913. District No. 1—Continued.*

* Precipitation included in that of the next measurement.

[†] Precipitation for the 24 hours ending

Precipitation for the 24 hours ending on the morning when it is measured.
T Precipitation is less than 0.01 inch rain or melted snow.

T. Precipitation is less than 0.01 inch rain or melted snow.

TABLE 3.—Maximum and minimum temperatures at selected stations for October, 1913. District No. 1, North Atlantic States.

| Date. | Maine. | | | | | | | | | | | | Concord, N. H. | Massachusetts. | | | | | | | | Provi- dence, R. I. | Connecticut. | | | | | | |
|--------|-----------|------|-------------|------|--------|------|-----------|------|------------------|------|-------------------|------|-------------------|----------------|------|---------|------|------------------|------|------------|------|---------------------------|----------------|------|-----------|------|------|------|----|
| | Eastport. | | Greenville. | | Orono. | | Portland. | | Presque Isle. | | Rumford Falls. | | | Amherst. | | Boston. | | Middle- boro. | | Nantucket. | | | Cream Hill. | | Hartford. | | | | |
| | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. | | | |
| 1.... | 52 | 40 | 46 | 31 | 61 | 31 | 54 | 45 | 50 | 31 | 50 | 39 | 56 | 45 | 54 | 49 | 59 | 48 | 64 | 35 | 64 | 48 | 62 | 43 | 50 | 44 | 56 | 50 | |
| 2.... | 57 | 50 | 54 | 43 | 59 | 48 | 57 | 51 | 58 | 41 | 56 | 48 | 60 | 51 | 60 | 54 | 67 | 58 | 68 | 56 | 65 | 60 | 66 | 56 | 53 | 60 | 53 | 66 | 53 |
| 3.... | 65 | 53 | 60 | 50 | 69 | 54 | 67 | 53 | 62 | 50 | 62 | 53 | 66 | 50 | 66 | 46 | 71 | 56 | 75 | 50 | 66 | 59 | 69 | 53 | 60 | 48 | 66 | 47 | 66 |
| 4.... | 60 | 55 | 60 | 48 | 69 | 53 | 61 | 55 | 65 | 47 | 68 | 49 | 70 | 52 | 72 | 54 | 62 | 57 | 60 | 54 | 60 | 56 | 60 | 54 | 63 | 50 | 71 | 54 | 66 |
| 5.... | 61 | 54 | 71 | 48 | 71 | 54 | 76 | 35 | 74 | 47 | 75 | 49 | 78 | 55 | 68 | 57 | 65 | 57 | 58 | 56 | 67 | 54 | 74 | 49 | 77 | 55 | 77 | 55 | |
| 6.... | 60 | 53 | 63 | 49 | 74 | 56 | 63 | 55 | 61 | 48 | 67 | 46 | 67 | 47 | 68 | 46 | 61 | 58 | 68 | 52 | 60 | 56 | 62 | 54 | 64 | 55 | 66 | 52 | 66 |
| 7.... | 66 | 56 | 77 | 54 | 72 | 56 | 62 | 57 | 80 | 54 | 71 | 56 | 66 | 58 | 68 | 60 | 63 | 58 | 65 | 57 | 63 | 58 | 66 | 58 | 67 | 61 | 67 | 61 | |
| 8.... | 61 | 56 | 72 | 56 | 77 | 58 | 69 | 58 | 73 | 54 | 71 | 59 | 70 | 61 | 61 | 74 | 62 | 65 | 59 | 70 | 58 | 67 | 59 | 70 | 59 | 72 | 62 | 62 | |
| 9.... | 67 | 54 | 77 | 52 | 70 | 59 | 65 | 58 | 77 | 54 | 74 | 59 | 72 | 62 | 74 | 64 | 64 | 59 | 68 | 60 | 65 | 60 | 69 | 61 | 71 | 57 | 71 | 64 | |
| 10.... | 56 | 53 | 72 | 53 | 72 | 59 | 64 | 55 | 65 | 60 | 72 | 62 | 70 | 62 | 79 | 64 | 66 | 60 | 70 | 60 | 66 | 59 | 70 | 61 | 74 | 58 | 77 | 65 | |
| 11.... | 59 | 52 | 58 | 55 | 66 | 57 | 58 | 54 | 63 | 39 | 62 | 59 | 62 | 59 | 70 | 62 | 62 | 59 | 67 | 58 | 66 | 58 | 66 | 60 | 65 | 59 | 69 | 62 | |
| 12.... | 60 | 51 | 56 | 47 | 52 | 33 | 58 | 49 | 60 | 52 | 60 | 46 | 60 | 40 | 62 | 55 | 63 | 51 | 63 | 55 | 64 | 56 | 61 | 48 | 59 | 52 | 62 | 50 | |
| 13.... | 51 | 45 | 56 | 41 | 60 | 48 | 62 | 47 | 55 | 52 | 61 | 42 | 60 | 36 | 62 | 38 | 64 | 46 | 62 | 40 | 60 | 52 | 61 | 45 | 50 | 44 | 56 | 40 | |
| 14.... | 54 | 39 | 48 | 35 | 58 | 37 | 48 | 37 | 53 | 48 | 52 | 40 | 47 | 40 | 57 | 38 | 49 | 35 | 53 | 34 | 52 | 39 | 50 | 38 | 56 | 32 | 59 | 41 | |
| 15.... | 57 | 50 | 51 | 40 | 56 | 41 | 55 | 46 | 55 | 48 | 60 | 44 | 62 | 44 | 59 | 45 | 57 | 34 | 54 | 47 | 59 | 44 | 55 | 38 | 62 | 42 | 52 | | |
| 16.... | 56 | 53 | 51 | 48 | 57 | 52 | 55 | 52 | 54 | 47 | 58 | 53 | 59 | 54 | 68 | 52 | 57 | 55 | 52 | 57 | 54 | 56 | 53 | 54 | 43 | 56 | 53 | 53 | |
| 17.... | 57 | 52 | 52 | 48 | 59 | 51 | 62 | 52 | 56 | 46 | 62 | 46 | 68 | 48 | 71 | 48 | 63 | 54 | 63 | 54 | 57 | 54 | 62 | 57 | 45 | 63 | 52 | | |
| 18.... | 59 | 54 | 55 | 48 | 60 | 52 | 58 | 53 | 57 | 48 | 61 | 54 | 61 | 50 | 66 | 46 | 60 | 54 | 64 | 54 | 59 | 54 | 66 | 49 | 62 | 55 | 52 | | |
| 19.... | 60 | 54 | 54 | 46 | 62 | 54 | 56 | 51 | 60 | 46 | 66 | 50 | 60 | 57 | 50 | 63 | 53 | 64 | 53 | 64 | 55 | 60 | 51 | 65 | 58 | 52 | | | |
| 20.... | 63 | 53 | 61 | 46 | 65 | 49 | 61 | 51 | 64 | 48 | 64 | 51 | 66 | 52 | 65 | 50 | 68 | 55 | 67 | 55 | 65 | 56 | 66 | 54 | 66 | 52 | 66 | | |
| Mns.. | 57.7 | 48.7 | 56.2 | 42.9 | 62.7 | 45.7 | 58.3 | 48.3 | 58.2 | 44.2 | 58.8 | 46.4 | 60.3 | 46.1 | 63.5 | 47.6 | 61.8 | 51.1 | 63.8 | 47.6 | 61.0 | 52.6 | 62.2 | 49.9 | 59.3 | 45.0 | 63.4 | 50.1 | |

| Date. | New York. | | | | | | | | | | | | Everett. | Pennsylvania. | | | | | | | | Atlantic City, N. J. | | | | | |
|--------|---------------------|------|----------|------|---------|------|------------------|------|-----------------|------|------------------|------|----------|---------------|------|------------------|------|-----------------------------------|------|-----------|------|-------------------------|------|------------|------|----|--|
| | New Haven, Conn. | | Addison. | | Albany. | | Bingham- ton. | | Indian Lake. | | Little Falls. | | | New York. | | Harris- burg. | | Phi- la- del- phi- a. | | Scranton. | | State College. | | Wellsboro. | | | |
| | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | | |
| 1.... | 59 | 53 | 68 | 56 | 58 | 52 | 63 | 57 | 59 | 33 | 56 | 50 | 62 | 57 | 69 | 56 | 62 | 58 | 69 | 60 | 56 | 67 | 55 | 70 | 60 | 66 | |
| 2.... | 60 | 54 | 70 | 54 | 58 | 52 | 65 | 54 | 54 | 47 | 56 | 50 | 70 | 54 | 68 | 50 | 71 | 52 | 75 | 58 | 68 | 55 | 63 | 51 | 73 | 58 | |
| 3.... | 70 | 53 | 67 | 54 | 64 | 54 | 64 | 54 | 55 | 46 | 58 | 51 | 64 | 55 | 65 | 49 | 66 | 52 | 68 | 57 | 62 | 54 | 70 | 56 | 65 | 49 | |
| 4.... | 70 | 56 | 72 | 46 | 69 | 55 | 68 | 48 | 63 | 44 | 66 | 47 | 68 | 56 | 70 | 49 | 72 | 56 | 74 | 58 | 68 | 53 | 71 | 48 | 70 | 56 | |
| 5.... | 79 | 57 | 81 | 39 | 77 | 49 | 78 | 41 | 80 | 30 | 78 | 42 | 75 | 56 | 76 | 42 | 75 | 56 | 76 | 78 | 47 | 78 | 42 | 70 | 54 | 70 | |
| 6.... | 67 | 54 | 84 | 42 | 71 | 48 | 78 | 46 | 77 | 31 | 69 | 49 | 71 | 62 | 77 | 41 | 78 | 52 | 74 | 62 | 78 | 51 | 77 | 45 | 64 | 60 | |
| 7.... | 67 | 62 | 80 | 41 | 71 | 52 | 75 | 48 | 75 | 33 | 72 | 48 | 67 | 62 | 76 | 43 | 70 | 59 | 77 | 63 | 72 | 55 | 68 | 47 | 64 | 63 | |
| 8.... | 71 | 63 | 80 | 54 | 78 | 62 | 76 | 60 | 79 | 52 | 78 | 56 | 67 | 62 | 73 | 48 | 72 | 64 | 69 | 63 | 78 | 65 | 72 | 61 | 66 | 64 | |
| 9.... | 71 | 65 | 81 | 56 | 82 | 64 | 74 | 60 | 75 | 49 | 70 | 57 | 72 | 64 | 67 | 62 | 70 | 64 | 73 | 65 | 75 | 70 | 74 | 60 | 69 | 63 | |
| 10.... | 72 | 64 | 80 | 55 | 79 | 64 | 78 | 60 | 78 | 46 | 79 | 59 | 72 | 62 | 72 | 61 | 74 | 63 | 75 | 64 | 81 | 64 | 75 | 55 | 68 | 63 | |
| 11.... | 65 | 62 | 75 | 56 | 71 | 55 | 70 | 50 | 71 | 52 | 69 | 60 | 67 | 62 | 75 | 64 | 70 | 59 | 72 | 62 | 70 | 51 | 72 | 55 | 70 | 64 | |
| 12.... | 64 | 48 | 70 | 41 | 64 | 49 | 61 | 42 | 65 | 43 | 69 | 48 | 64 | 53 | 63 | 43 | 64 | 52 | 63 | 54 | 61 | 44 | 60 | 45 | 68 | 50 | |
| 13.... | 59 | 43 | 58 | 36 | 55 | 42 | 52 | 38 | 52 | 27 | 53 | 44 | 58 | 47 | 66 | 40 | 56 | 50 | 60 | 49 | 53 | 43 | 60 | 46 | 60 | 46 | |
| 14.... | 61 | 44 | 65 | 30 | 64 | 38 | 58 | 32 | 54 | 33 | 54 | 46 | 63 | 42 | 65 | 36 | 65 | 45 | 65 | 59 | 39 | 64 | 35 | 64 | 42 | 62 | |
| 15.... | 61 | 48 | 65 | 35 | 56 | 44 | 57 | 43 | 59 | 34 | 55 | 37 | 63 | 47 | 66 | 40 | 70 | 57 | 59 | 53 | 56 | 46 | 68 | 44 | 62 | | |
| 16.... | 67 | 53 | 55 | 45 | 62 | 50 | 48 | 45 | 55 | 41 | 62 | 43 | 68 | 52 | 65 | 41 | 65 | 52 | 65 | 51 | 55 | 48 | 68 | 42 | 68 | 48 | |
| 17.... | 71 | 52 | 63 | 38 | 65 | 52 | 62 | 42 | 65 | 40 | 67 | 42 | 68 | 50 | 66 | 43 | 66 | 51 | 69 | 52 | 65 | 46 | 69 | 41 | 64 | 49 | |
| 18.... | 65 | 51 | 64 | 38 | 63 | 46 | 63 | 48 | 57 | 35 | 69 | 55 | 62 | 53 | 52 | 59 | 55 | 66 | 57 | 62 | 54 | 61 | 50 | 64 | 60 | | |
| 19.... | 61 | 53 | 62 | 33 | 55 | 46 | 55 | 43 | 58 | 34 | 63 | 37 | 61 | 53 | 60 | 50 | 66 | 56 | 67 | 57 | 62 | 58 | 62 | 56 | | | |
| 20.... | 64 | 50 | 68 | 40 | 65 | 46 | 63 | 43 | 54 | 38 | 60 | 43 | 64 | 46 | 61 | 41 | 61 | 45 | 67 | 56 | 65 | 58 | 66 | 48 | | | |
| 21.... | 55 | 42 | 45 | 38 | 52 | 41 | 46 | 38 | 57 | 33 | 54 | 35 | 53 | 40 | 46 | 37 | 47 | 40 | 53 | 43 | 46 | 39 | 44 | 35 | 55 | | |
| 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | |

TABLE 3.—*Maximum and minimum temperatures at selected stations for October, 1913. District No. 1—Continued.*

| Date. | New Jersey. | | | | | | | | Martinsburg, W. Va. ^{§§} | Maryland. | | | | | | | | Millsboro, Del. | Washington, D. C. | Virginia. | | | | | | | | | | |
|--------|-------------|------|---------------|------|---------|------|----------|------|--------------------------------------|------------|------|--------------|------|------------|------|---------------|------|--------------------|----------------------|-----------|------|-------------------------------|------|-----------|------|------------|------|------|--|--|
| | Bridgeton. | | Phillipsburg. | | Sussex. | | Trenton. | | | Baltimore. | | Darling-ton. | | Frederick. | | Western-port. | | | | | | Fredericksburg. ^{§§} | | Staunton. | | Woodstock. | | | | |
| | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | | | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | | | |
| 1.... | 71 | 60 | 66 | 55 | 60 | 53 | 65 | 56 | 71 | 60 | 70 | 61 | 70 | 57 | 74 | 61 | 78 | 58 | 74 | 61 | 72 | 61 | 78 | 64 | 74 | 58 | 76 | 61 | | |
| 2.... | 77 | 56 | 74 | 54 | 68 | 52 | 73 | 55 | 72 | 59 | 76 | 56 | 73 | 53 | 75 | 55 | 74 | 57 | 76 | 57 | 75 | 54 | 75 | 54 | 70 | 57 | 74 | 63 | | |
| 3.... | 65 | 52 | 66 | 55 | 65 | 51 | 66 | 56 | 69 | 52 | 68 | 58 | 65 | 50 | 71 | 52 | 67 | 51 | 65 | 52 | 68 | 52 | 69 | 50 | 71 | 52 | 71 | 58 | | |
| 4.... | 73 | 52 | 73 | 53 | 71 | 52 | 71 | 54 | 72 | 53 | 73 | 55 | 70 | 53 | 75 | 57 | 85 | 50 | 73 | 55 | 73 | 56 | 72 | 55 | 76 | 40 | 76 | 47 | | |
| 5.... | 76 | 49 | 76 | 46 | 77 | 43 | 77 | 54 | 76 | 45 | 77 | 57 | 75 | 51 | 59 | 43 | 92 | 43 | 76 | 57 | 76 | 54 | 76 | 49 | 79 | 42 | 81 | 43 | | |
| 6.... | 76 | 55 | 78 | 51 | 75 | 45 | 72 | 59 | 74 | 47 | 76 | 58 | 76 | 53 | 79 | 47 | 79 | 42 | 66 | 58 | 77 | 54 | 78 | 50 | 81 | 44 | 80 | 43 | | |
| 7.... | 67 | 62 | 71 | 57 | 69 | 57 | 66 | 62 | 70 | 52 | 68 | 62 | 71 | 55 | 71 | 57 | 78 | 49 | 70 | 63 | 67 | 62 | 71 | 61 | 65 | 57 | 71 | 54 | | |
| 8.... | 71 | 62 | 73 | 63 | 72 | 63 | 68 | 62 | 74 | 59 | 71 | 64 | 70 | 61 | 72 | 63 | 77 | 50 | 71 | 66 | 69 | 64 | 71 | 64 | 72 | 61 | 75 | 62 | | |
| 9.... | 76 | 64 | 75 | 65 | 78 | 65 | 74 | 64 | 70 | 64 | 76 | 68 | 74 | 63 | 75 | 65 | 69 | 63 | 74 | 65 | 77 | 65 | 76 | 68 | 62 | 72 | 65 | 71 | | |
| 10.... | 70 | 62 | 80 | 62 | 83 | 61 | 75 | 62 | 74 | 63 | 72 | 65 | 73 | 62 | 74 | 61 | 88 | 63 | 70 | 63 | 73 | 64 | 74 | 65 | 75 | 64 | 71 | 65 | | |
| 11.... | 73 | 62 | 70 | 62 | 70 | 62 | 71 | 62 | 75 | 65 | 69 | 61 | 69 | 59 | 72 | 65 | 81 | 62 | 74 | 63 | 70 | 60 | 71 | 64 | 76 | 62 | 81 | 65 | | |
| 12.... | 68 | 53 | 68 | 46 | 65 | 51 | 65 | 48 | 65 | 50 | 67 | 55 | 68 | 50 | 69 | 57 | 75 | 46 | 69 | 57 | 65 | 52 | 68 | 45 | 70 | 48 | 67 | 50 | | |
| 13.... | 62 | 45 | 59 | 43 | 58 | 38 | 59 | 47 | 59 | 47 | 60 | 48 | 58 | 42 | 61 | 46 | 67 | 45 | 62 | 45 | 60 | 47 | 62 | 44 | 64 | 42 | 63 | 46 | | |
| 14.... | 65 | 37 | 64 | 40 | 63 | 37 | 64 | 44 | 68 | 42 | 68 | 45 | 64 | 40 | 68 | 40 | 83 | 32 | 68 | 42 | 65 | 42 | 57 | 41 | 66 | 33 | 75 | 34 | | |
| 15.... | 59 | 41 | 62 | 48 | 64 | 41 | 59 | 50 | 74 | 43 | 70 | 55 | 66 | 45 | 75 | 50 | 88 | 50 | 68 | 47 | 74 | 55 | 74 | 45 | 73 | 46 | 79 | 46 | | |
| 16.... | 71 | 42 | 68 | 44 | 63 | 44 | 65 | 49 | 74 | 48 | 70 | 54 | 65 | 47 | 75 | 42 | 80 | 45 | 72 | 45 | 72 | 48 | 75 | 49 | 78 | 47 | 81 | 49 | | |
| 17.... | 72 | 45 | 69 | 43 | 71 | 38 | 69 | 48 | 64 | 46 | 68 | 57 | 68 | 43 | 68 | 43 | 65 | 48 | 73 | 46 | 68 | 50 | 67 | 47 | 74 | 47 | 67 | 53 | | |
| 18.... | 65 | 52 | 61 | 51 | 62 | 48 | 64 | 54 | 62 | 48 | 64 | 59 | 62 | 57 | 62 | 54 | 63 | 53 | 72 | 63 | 65 | 57 | 69 | 55 | 68 | 57 | 73 | 54 | | |
| 19.... | 62 | 52 | 60 | 48 | 60 | 48 | 62 | 51 | 52 | 49 | 63 | 57 | 62 | 50 | 59 | 49 | 58 | 45 | 64 | 53 | 61 | 52 | 66 | 51 | 50 | 48 | 71 | 49 | | |
| 20.... | 75 | 49 | 71 | 48 | 69 | 46 | 72 | 43 | 55 | 47 | 70 | 44 | 68 | 46 | 64 | 45 | 58 | 42 | 75 | 45 | 67 | 44 | 66 | 49 | 58 | 45 | 58 | 43 | | |
| 21.... | 58 | 41 | 61 | 44 | 62 | 43 | 52 | 40 | 46 | 42 | 51 | 39 | 52 | 41 | 57 | 40 | 47 | 37 | 58 | 41 | 49 | 38 | 53 | 40 | 43 | 37 | 59 | 39 | | |
| 22.... | 60 | 30 | 57 | 31 | 53 | 32 | 56 | 36 | 53 | 27 | 53 | 37 | 53 | 32 | 56 | 31 | 62 | 26 | 65 | 33 | 56 | 35 | 56 | 26 | 55 | 24 | 59 | 25 | | |
| 23.... | 65 | 33 | 60 | 33 | 60 | 30 | 60 | 38 | 60 | 27 | 62 | 41 | 60 | 33 | 62 | 31 | 72 | 32 | 68 | 34 | 64 | 35 | 66 | 32 | 61 | 31 | 66 | 31 | | |
| 24.... | 65 | 50 | 61 | 51 | 58 | 49 | 65 | 51 | 60 | 24 | 64 | 55 | 61 | 50 | 61 | 51 | 56 | 47 | 67 | 50 | 66 | 56 | 64 | 51 | 60 | 42 | 59 | 49 | | |
| 25.... | 65 | 60 | 64 | 59 | 64 | 56 | 65 | 60 | 64 | 51 | 67 | 58 | 64 | 57 | 67 | 59 | 67 | 57 | 67 | 57 | 66 | 67 | 60 | 60 | 51 | 70 | 59 | | | |
| 26.... | 67 | 52 | 68 | 55 | 65 | 49 | 66 | 52 | 62 | 53 | 62 | 53 | 63 | 52 | 64 | 54 | 60 | 57 | 63 | 50 | 64 | 57 | 69 | 42 | 69 | 42 | 69 | 59 | | |
| 27.... | 69 | 44 | 66 | 48 | 66 | 47 | 66 | 51 | 64 | 40 | 64 | 48 | 64 | 41 | 65 | 40 | 71 | 39 | 76 | 44 | 69 | 43 | 72 | 41 | 69 | 37 | 73 | 37 | | |
| 28.... | 74 | 54 | 73 | 50 | 70 | 45 | 71 | 54 | 62 | 41 | 73 | 54 | 71 | 57 | 66 | 57 | 62 | 48 | 77 | 59 | 73 | 57 | 76 | 57 | 68 | 52 | 71 | 46 | | |
| 29.... | 65 | 40 | 65 | 57 | 65 | 41 | 65 | 46 | 58 | 37 | 61 | 47 | 62 | 40 | 62 | 38 | 66 | 44 | 67 | 49 | 64 | 43 | 68 | 42 | 60 | 34 | 62 | 34 | | |
| 30.... | 61 | 44 | 57 | 46 | 56 | 43 | 56 | 44 | 52 | 39 | 58 | 43 | 56 | 43 | 56 | 43 | 53 | 37 | 64 | 44 | 55 | 42 | 60 | 36 | 55 | 38 | 57 | 41 | | |
| 31.... | 52 | 37 | 48 | 38 | 45 | 33 | 46 | 34 | 47 | 37 | 49 | 38 | 58 | 40 | 49 | 37 | 44 | 35 | 54 | 36 | 48 | 35 | 51 | 30 | 50 | 36 | 50 | 35 | | |
| Mns.. | 67.6 | 49.6 | 66.4 | 49.9 | 65.9 | 47.2 | 65.3 | 51.2 | 64.5 | 47.0 | 66.5 | 52.7 | 65.5 | 48.9 | 67.0 | 48.9 | 69.5 | 48.4 | 68.8 | 57.2 | 66.7 | 50.9 | 68.3 | 49.7 | 66.3 | 46.1 | 69.7 | 48.3 | | |

*, **, etc., indicate respectively 1, 2, 3, etc., days missing from the record.

§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.